

10/536641

JC13 Rec PCT/PTO 27 MAY 2005

**INFORMATION
DISCLOSURE STATEMENT
TRANSMITTAL**

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, required copies of documents listed thereon, and a concise explanation of their relevance is described below or enclosed herewith per 37 CFR 1.97.

<i>Application Number</i>	UNKNOWN
<i>Filing Date</i>	CONCURRENTLY
<i>First Named Inventor</i>	P. D'ALESSANDRO
<i>Group Art Unit</i>	UNASSIGNED
<i>Examiner Name</i>	UNASSIGNED
<i>Attorney Docket Number</i>	DE020297

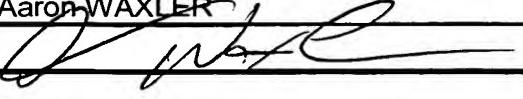
Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.

1. I certify that these documents were first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months ago.
2. I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.
 - Applicant hereby petitions under §1.97(d) that this IDS be considered after final Action or Notice of Allowance, pays the fee under §1.17(p) as indicated below, and I certify 1. or 2. as indicated above.
 - A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.
 - A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. _____). Filing Date _____ relied on for an earlier effective filing date under 35 U.S.C. 120.
 - A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.
 - A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).

The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:

- cited in the specification or considered in drafting the specification of this application;
- previously submitted or cited in the parent application (or in a related patent application Ser. No. _____). Filing Date: _____);
- cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print Type)	Aaron WAXLER	Registration No. (Attorney/Agent)	48,027
Signature			
	Date	5/20/05	

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JC13 Rec'd PST/PTO 27 MAY 2009

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	UNKNOWN
Filing Date	CONCURRENTLY
First Named Inventor	P. D'ALESSANDRO
Art Unit	UNASSIGNED
Examiner Name	UNASSIGNED
Attorney Docket Number	DE020297

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
	AC	WO0150616	07/12/2001	MORPHICS TECH.	

Examiner Signature		Date Considered	
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1 Attorney Docket Number DE020297

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AD	"Digital I/Q Imbalance Compensation in a Low-IF Receiver", J.P.F. Glas, IEEE, 1998, pp. 1461-1466.	
	AE	"Improving QPSK Demodulator Performance for Quadrature Receiver with Information from Amplitude and Phase Imbalance Correction", H. Nguyen, IEEE, 2000, pp. 1440-1444.	
	AF	"Blind Source Separation Based I/Q Imbalance Compensation" M. Valkama et al, IEEE, 2000, pp. 310-314.	
	AG	"Advanced Methods for I/Q Imbalance Compensation in Communication Receivers", M. Valkama et al, IEEE, Vol. 49, No. 10, October 2001, pp. 2335-2344.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
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